

**PROCEDURES FOR THE PREPARATION OF HYBRIDOMA CELL LINES
PRODUCING ANTI-IFN-ALPHA THAT IS EFFECTIVE FOR AFFINITY
PURIFICATION OF IFN-ALPHA**

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Inventor: MUN HONG-MO [KR]; YUN BYONG-WOO [KR]; CHOE KYONG-HUI [KR]
Applicant: CHE IL SUGAR & CO LTD [KR]
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Abstract of KR8801757

The Prepn. of the monoclonal antibodies, esp. IgG2a and IgG2b specific for [alpha]-interferon comprises (a) hybridizing the plasmocytoma (NS-O) having a resistance to 8-azoguanine and the mouse (Balb/c) spleen cell immuned with Balb/c [alpha]-interferon in the cell fusion medium contg. 50% PEG and 20% DMSO; (b) culturing the hybrids from (a) in DMEM medium contg. 10 bovine fetus serum, 5 bovine serum and 5% horse serum; (c) screening the hybrids capable of secreting the antibodies specific for [alpha]-interferon using a ELISA method; (d) subcloning monoclones capable of producing only IgG2a or IgG2b antibody in 3 steps using the soft-agarose cloning; and (e) purifying the monoclonal antibodies produced from (d) on the protein A- sepharose CL-4B column.

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